

WSR-88D MODIFICATION NOTE 36
(For Electronics Technicians)

SUBJECT : Retrofit to Add a Thermostat to Each Radome Heater

PURPOSE : To eliminate pedestal electronic failures due to low temperatures in the radome.

EQUIPMENT AFFECTED : Antenna Pedestal Assembly.

PARTS REQUIRED : The following parts make up the kit for this modification:

<u>Nomenclature</u>	<u>NSN</u>	<u>Part Number</u>	<u>Quantity</u>
Thermostat	5930-01-440-2292	TK-1	1 ea
Screw, No. 6-32			2 ea
Knob, High-Low			1 ea
Clip, retaining			2 ea
Screws with Nuts No. 4-40			2 ea
Grommet, split rubber			1 ea
Wire, 14 AWG			2 ea

MOD PROCUREMENT : The OSF Logistics Section (405-366-2962) will ship the total number of kits at no cost to the affected sites.

**SPECIAL TOOLS AND TEST
EQUIPMENT REQUIRED** : None.

TIME REQUIRED : 2.0 staff-hours per thermostat.

**EFFECT ON OTHER
INSTRUCTIONS** : EHB 6-500, dated 15 Aug 92
EHB 6-501, dated 1 Aug 96
EHB 6-550, dated 15 Aug 92
EHB 6-553, dated 1 Dec 95

**AUTHORIZATION
STATEMENT** : The authority for this modification is
ECP F0036.

**VERIFICATION
STATEMENT**

: This modification was successfully installed
at WSFO Oklahoma City, OK.

GENERAL

This modification involves the inspection and addition of a Brasch TK-1 thermostat kit to each heater located in the radome. Currently the heater(s) is manually operated and intended for human comfort during maintenance, and is usually turned off. At many sites the temperature can get low enough to cause pedestal encoder problems. The addition of a thermostat will eliminate cold weather related encoder problems.

For additional information concerning this modification note, contact the Operational Support Facility, System Support Branch, Norman, Oklahoma; phone number: (405) 366-6540 ext 3229.

PROCEDURE

See attachment 1.

EFFECTIVITY

See attachment 2 for effectivity and quantity of kits required for each site.

REPORTING MODIFICATION

Target date for completion of this modification is 60 days after receipt of modification note and kit(s). Report completed modification on WS Form A-26, Engineering Management Reporting System Maintenance Record, according to instructions in EHB-4, Part 2, using reporting code RDA. Also, record the modification number in block 17a as 36. (See attachment 4 for a completed sample of WS Form A-26).

In addition, complete attachment 3 and fax or mail to:

System Support Branch, Logistics Section
Operational Support Facility
3200 Marshall Ave Suite 101
Norman, Oklahoma 73072-8028

Fax number: (405) 366-6553

Or, e-mail information to:

khare@osf.noaa.gov

Signed

John McNulty, Chief
Engineering Division

Signed

James D. Belville, Director
Operational Support Facility

Attachments

EHB-6
Issuance 97-